BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Drilling of borewells & Providing pipe line and supply of drinking water to public in Harohalli, Nagenahalli, Kenchanahalli, Doddabettahalli, Chikkabettahalli and Ananthpura village areas in ward No 01 and Ward No 03 of Yelahanka Division.

Sl No	Description of Work	Unit	Modified Shedule -B Qty	Executed Qty	% of Work Completed	Mar-24	Apr-24	May-24	Jun-24
1	Geophysical investigation at site for sinking borewells for Providing drinking water to the habitation either through the Hand Pump MWS or P.W.S.S, by vertical electrical sounding by adopting Venner or Schlumbergers's method, including reconnaissance survey of geological formation. Geophysical	Each BW	25.00	23.00	92.00				
2	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burdern upto 20 m. Fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting	Rmtr	1250.00	1150.00	92.00				
3	50-100mtrs	Rmtr	1250.00	1150.00	92.00				
4	100-150mtrs	Rmtr	1250.00	1150.00	92.00				
5	150-200mtrs	Rmtr	1250.00	1150.00	92.00				
6	200-250mtrs	Rmtr	1250.00	1150.00	92.00				
7	250-300mtrs	Rmtr	1214.00	1114.00	91.76				
8	300-350mtrs	Rmtr	1051.00	951.00	90.49				
9	350-400mtrs	Rmtr	240.00	210.00	87.50				

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Sl No	Description of Work	Unit	Modified Shedule -B Qty	Executed Qty	% of Work Completed	Mar-24	Apr-24	May-24	Jun-24
10	Supply of ISI mark 175mm nominal bore,plain and steel casing pipe grade of steel Fe 410 of wall thickness conforming to IS 4270-2001 and latest ammendments, electrical resistance welded steel tubes, material and conforming to IS 1387-1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5-7m both ends threaded	Rmtr	1435.00	1330.00	92.68				
11	PVC pipes of 10 Kg/cm2 for 200mm	m	240.00	219.00	91.25				
12	Providing and laying at site of work MS casing caps as per IS 1239 (partII) 1982 with all latest amendments if any for any dia. The thickness of plate used for covering one end shall be 3mm (minimum). The dimensions of caps and colars shall be strictly as per IS 1239 (Part-II) 1982 with all amendments	Each	25.00	23.00	92.00				
13	Providing,supplying to work site, Submersible Pump Set of 150mm dia suitable for bore well and confirming to IS 8034-2000;3Phase, SS Bowl & Impeller with Low volt Motor as per specifications,as per necessary ammendments and instructions of engineer incharge of work. 17.50 HP -	Each	22.00	20.00	90.91				
14	Supply and delivery of galvanized mild steel tubes of 6mtr standard length heavy duty (C Class) as per IS 1239 (Part-I) 1990 with latest amendments with ISI Mark (one end fitted with Heavy Duty collar and other end fitted with protective cover) and as per the directions of the Engineer-in-charge of the	Each	1129.00	1033.00	91.50				
15	Supply and delivery at site wrought middle steel (galvanized) GI union confirming to IS 1239-II, 1991 with latest amendments if any. For 50 mm dia GI Union	Each	22.00	20.00	90.91				
16	Providing wrought mild steel (galvanized) GI collar confirming to IS 1239-II, 1991 with latest amendments if any For 50 mm dia GI collar	Each	1129.00	1033.00	91.50				
17	Supply and delivery at site wrought middle steel (galvanized) 50 mm dia GI hexagonal nipple confirming to IS 1239-II, 1991 with latest amendments if any.	Each	44.00	40.00	90.91				
18	Supply and delivery at site wrought middle steel (galvanized) 50 mm dia GI elbow confirming to IS 1239-II, 1991 with latest amendments if any for:	Each	66.00	60.00	90.91				
19	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to13:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working	Mtr	13632.00	12472.00	91.49				

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Sl No	Description of Work	Unit	Modified Shedule -B Qty	Executed Qty	% of Work Completed	Mar-24	Apr-24	May-24	Jun-24
20	Labour charges for Erection, Electrification and commissioning of Pump sets, including aligning and balancing of all items including supply and erection of two pair of supporting clamps, bore well caps, cable clips and water tight gland cable protectors, bolts, nuts, valve and gauges,tools and equipments etc., involved in the job as per specifications, with necessary tests as per	Job	22.00	20.00	90.91				
21	Labour charges for erection of outdoor type panel board and meter boardunits with all necessary materials and labour, tools and equipments including providing cement concrete foundation bed etc., complete as per specification, with testing of as per instructions and as per the directions of	Job	22.00	20.00	90.91				
22	1.1 kV, XLPE or Heat resistant PVC insulated, PVC exutruted Inner Seath Armoured LTUG Cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness and resistivity as per IS-3975 16 Sqmm, 4 Core, (11 GI Strips - 4 x 0.8 mm)	km	0.38	0.35	92.14				
23	LABOUR For Stringing of 1.1 kV grade Aerial Bunched 3 Core cable of XLPE insulation of size (3x95) (Phase Conductor) + (1x70) (Insulated Messenger Neutral) + (1x16) (Street Light Control) (	km	0.38	0.35	92.14				
24	Earthing: Supplying and fixing and wiring earth electrode for grounding circuits IC cutouts and other equipments on the meter board in the pit. The pits should be filled up with equal proportion of salt and charcoal 150mm around the pipe to complete depth. The connection from the pipe to the	Job	22.00	20.00	90.91				
25	Providing,Supplying and fixing suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps,bolts,nuts and washers etc. with necessary materials and labour tools and equipments as per instructions of engineer incharge of work. 3x6 Sqm and as per the directions of the Engineer-in-charge of the work	Each	22.00	20.00	90.91				
26	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws 20" x 20" x 2.5"	Nos	22.00	20.00	90.91				
27	Supplying fully automatic star-delta starter unit push button type with suitable wires, 3 contactors, one adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400/440 V 3 phase and wired after fixing to the existing wooden board for motor Above 12.5 HP	Nos	22.00	20.00	90.91				
28	Supply and delivery at site of brand new best make gate valve as per IS 778/1984 with ISI Mark and as per its latest amendments Size 50 mm	Each	109.00	100.00	91.74				
29	Supply and delivery at site of brand new best make non-return valve as per IS 778/1984 with ISI Mark and as per its latest amendments Size 50 mm	Each	109.00	100.00	91.74				

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Sl No	Description of Work	Unit	Modified Shedule -B Qty	Executed Qty	% of Work Completed	Mar-24	Apr-24	May-24	Jun-24
30	Supply and delivery at site delivery of best indigenous brand new MCB (Miniature Circuit Breakers) of required capacity as per IS 88228/1978 and its latest amendments and with ISI Mark of 6/10/16/20/25/40 Amps with scalable box.	per 3 poles	22.00	20.00	90.91				
31	Earth work excavation for pipelines/cables by Manual means upto 600 mm trench width, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, including dressing of excavated surfaces, disposing	Cum	1304.69	1198.97	91.90				
33	Refilling available earth around trenches/pipelines, cables in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with a lead upto 50 m , and lift upto 1.5 m. Including cost of all labour complete as per specifications and as per the directions of the	Cum	829.98	727.16	87.61				
34	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired	Cum	667.94	263.98	39.52				
35	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and	Cum	107.88	27.44	25.43				
E1	Providing PVC ringtite pipes conforming to IS 4985:2000 with latest amendments and conveying to worksite, rolling and lowering into trenches, laying true to line and level and perfect linking at joints, testing and commissioning, including loading unloading at both destinations	M	3977.60	3597.60	90.45				
E2	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 m3 in volume and stock piling at designated locations and disposal of dismantled materials and stacking serviceable and unserviceable materials separatel	Cum	127.49	127.49	100.00				

= Planned %
= Executed %

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